

DIGITAL TWINS

WAZUG - 13 December 2018



Johan Hoek
Johan.Hoek@Winvision.nl

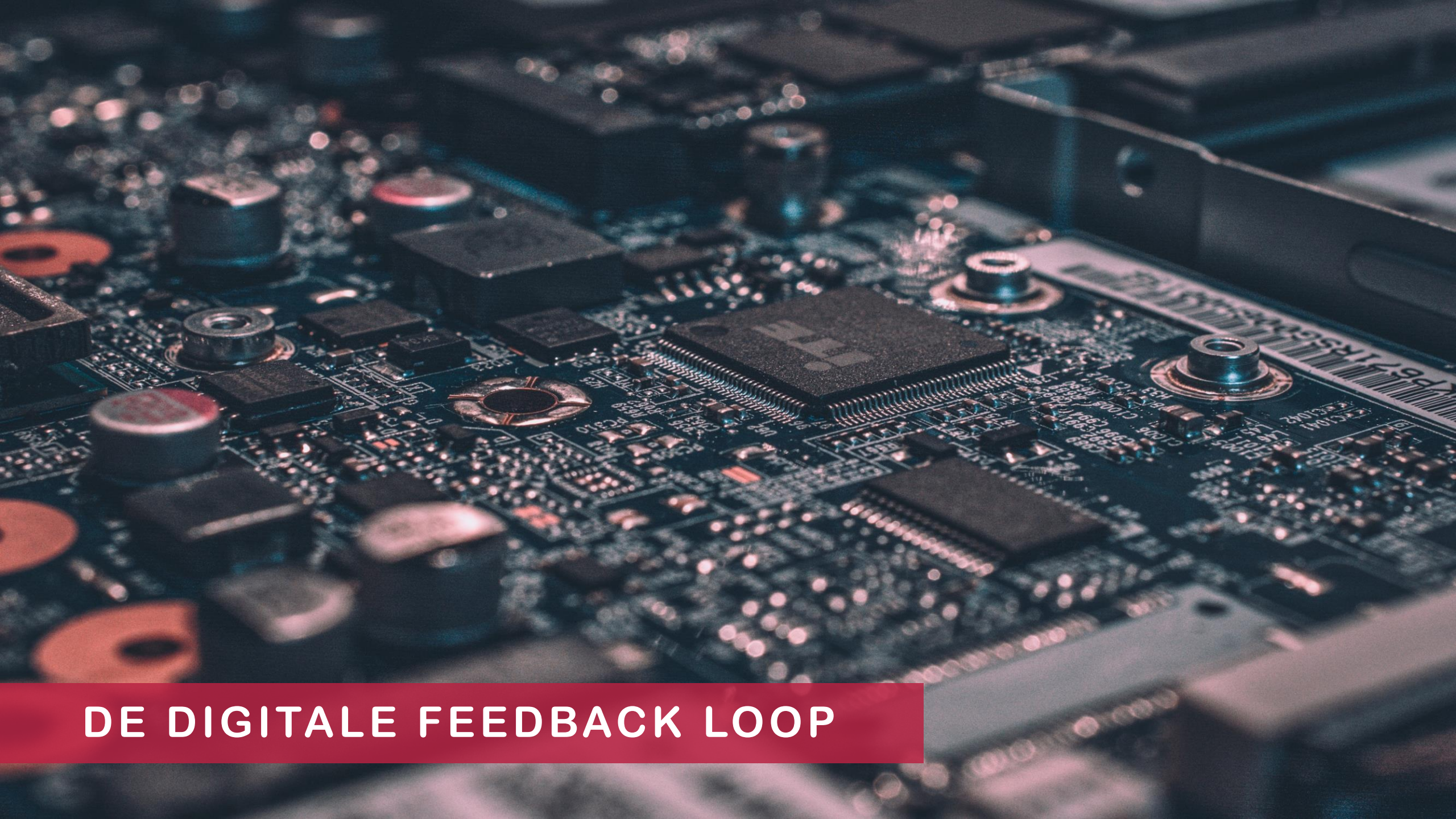


Frank van Houten
Frank.vanHouten@Winvision.nl

- DE DIGITALE FEEDBACK LOOP
- WAT IS AZURE DIGITAL TWINS
- DIGITAL TWINS INRICHTING
- <<DEMO>> DIGITAL TWINS CONFIGUREREN
- <<DEMO>> VERWERKEN VAN DATA
 - MOTION
 - CO2
- Q&A

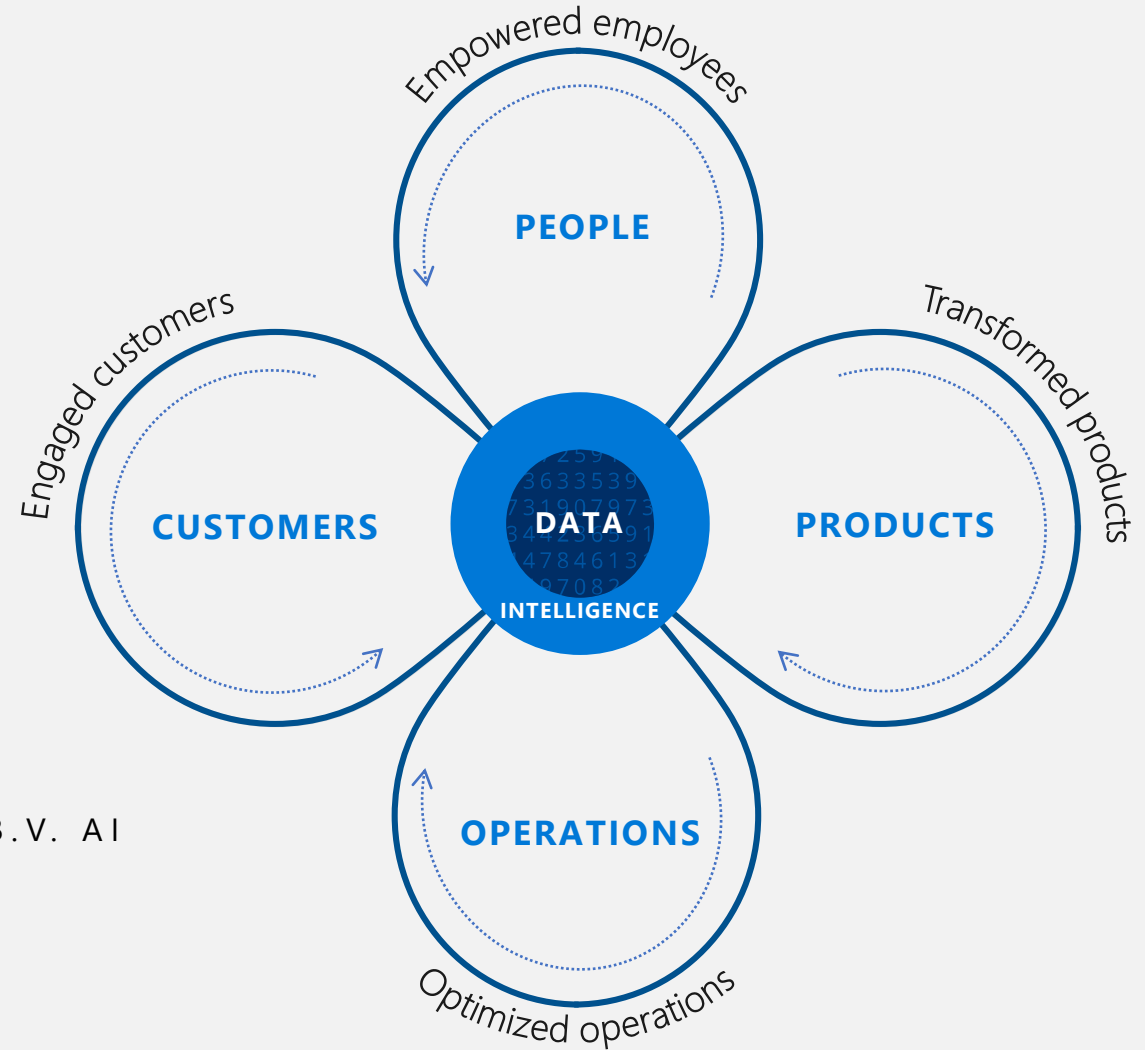
AGENDA





DE DIGITALE FEEDBACK LOOP

- DE DIGITALE FEEDBACK LOOP HELPT BIJ DE DIGITALE TRANSFORMATIE VAN ORGANISATIES
- IOT DATA ZORGT VOOR WAARDEVOLLE INPUT
 - COMBINATIE VAN CORE BUSINESS DATA MET GEOBSERVEERDE DATA
- FEEDBACK VOOR ELK ASPECT VAN EEN ORGANISATIE
 - OPTIMALISATIE CORE BUSINESS
 - PRODUCTOPTIMALISATIE
 - CONTINU VERBETEREN VAN DE AANGEBODEN DIENSTEN
 - VOORKOMEN OF DETECTEREN VAN DEFECTEN M.B.V. AI



IOT EN DE DIGITALE FEEDBACK LOOP

DE DIGITALE FEEDBACK LOOP



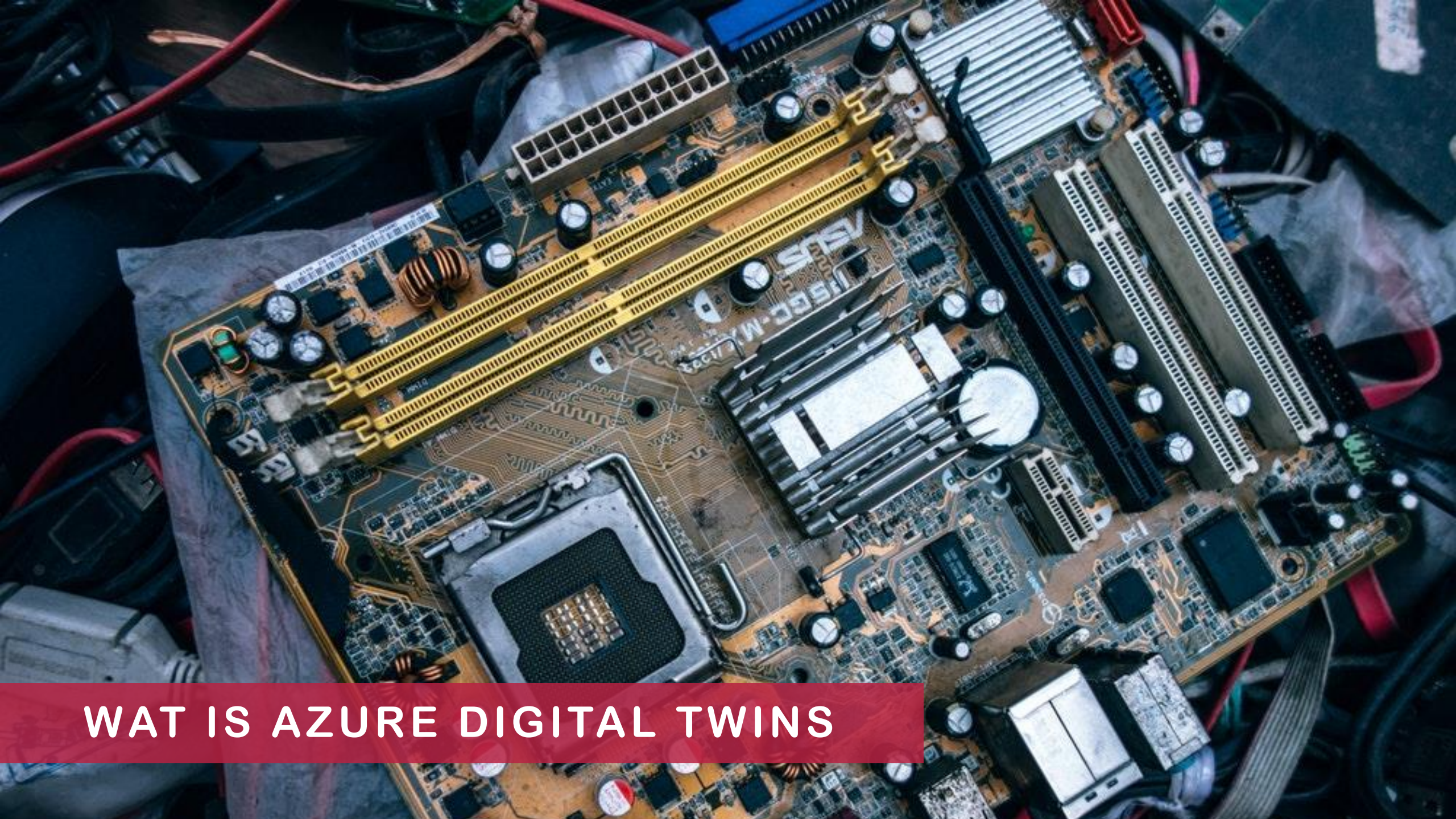
FEEDBACK VERZAMELEN, SIMPLISTISCH

DE DIGITALE FEEDBACK LOOP

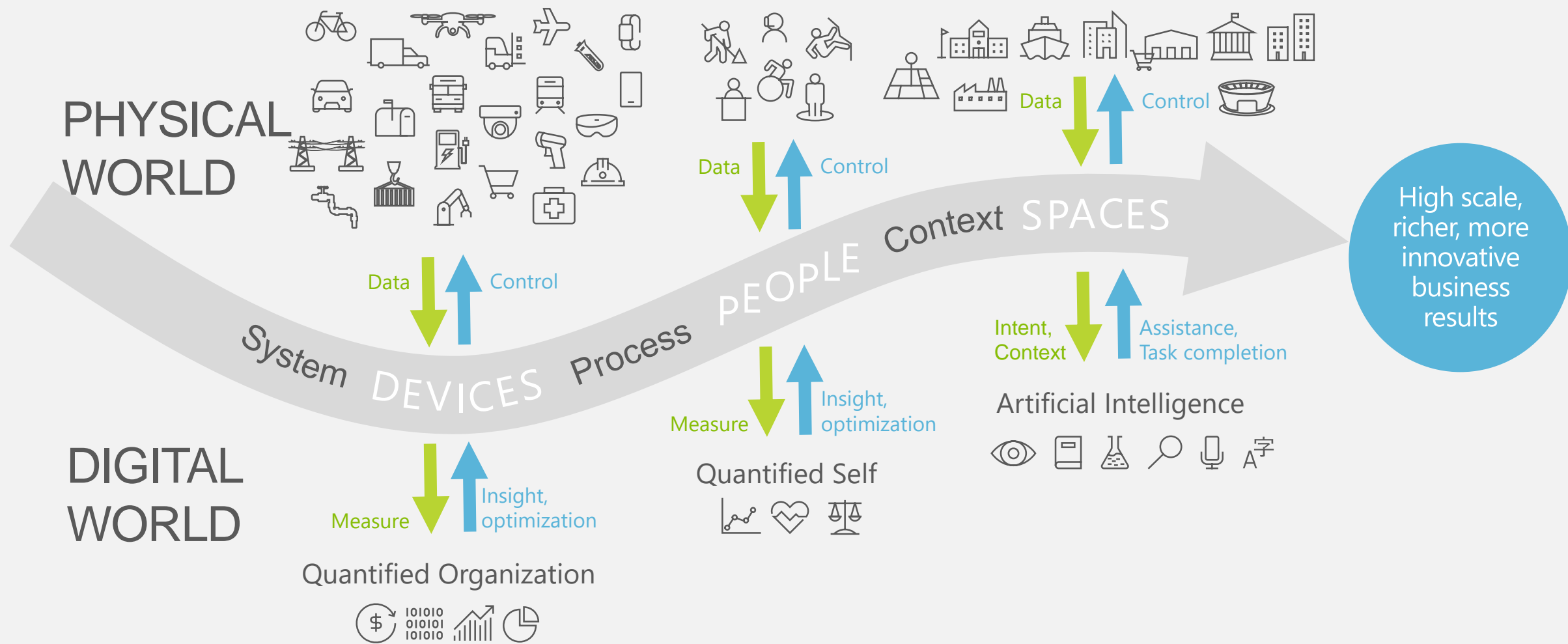


FEEDBACK VERZAMELEN, IN PRAKTIJK

DE DIGITALE FEEDBACK LOOP

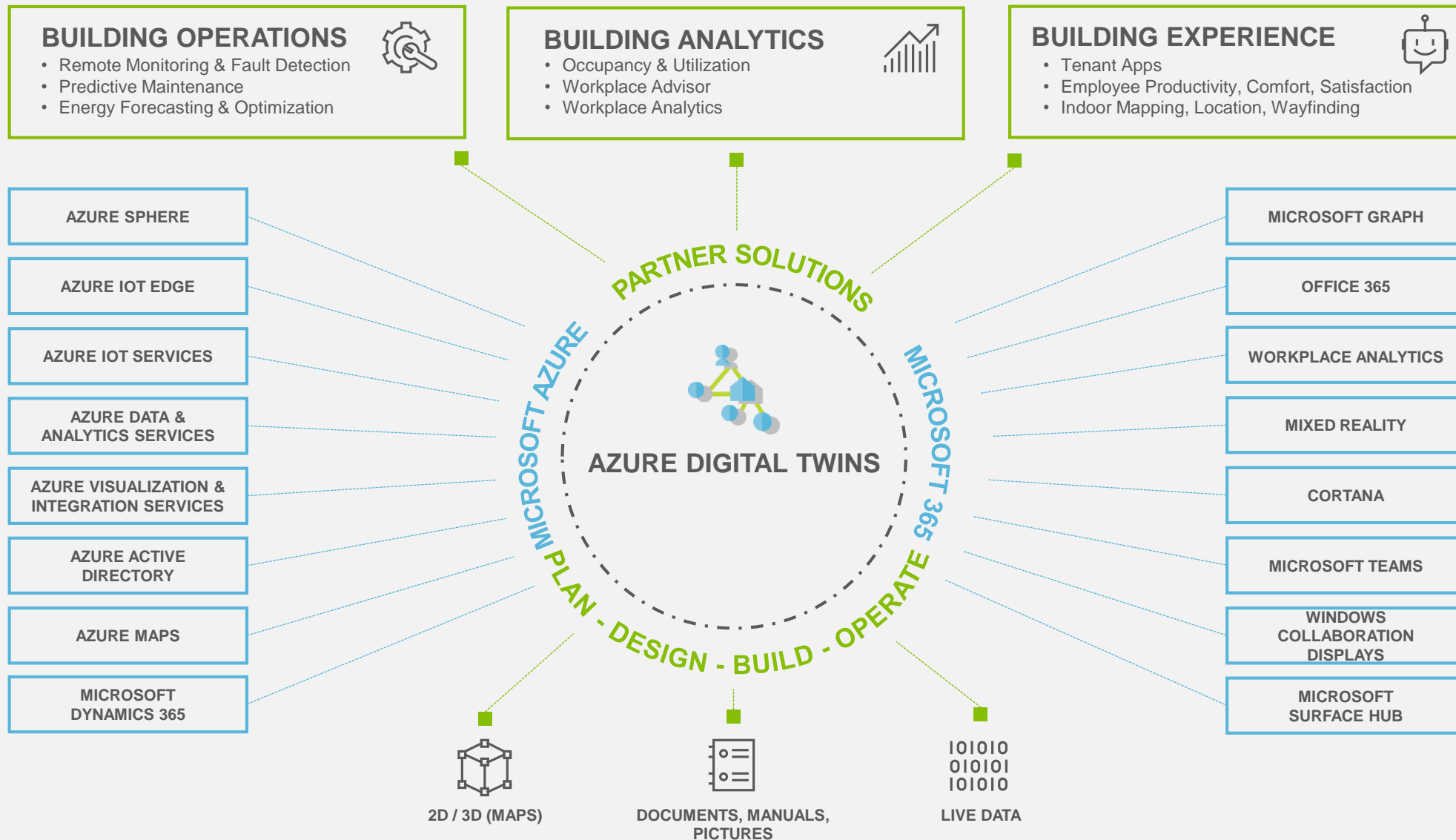


WAT IS AZURE DIGITAL TWINS



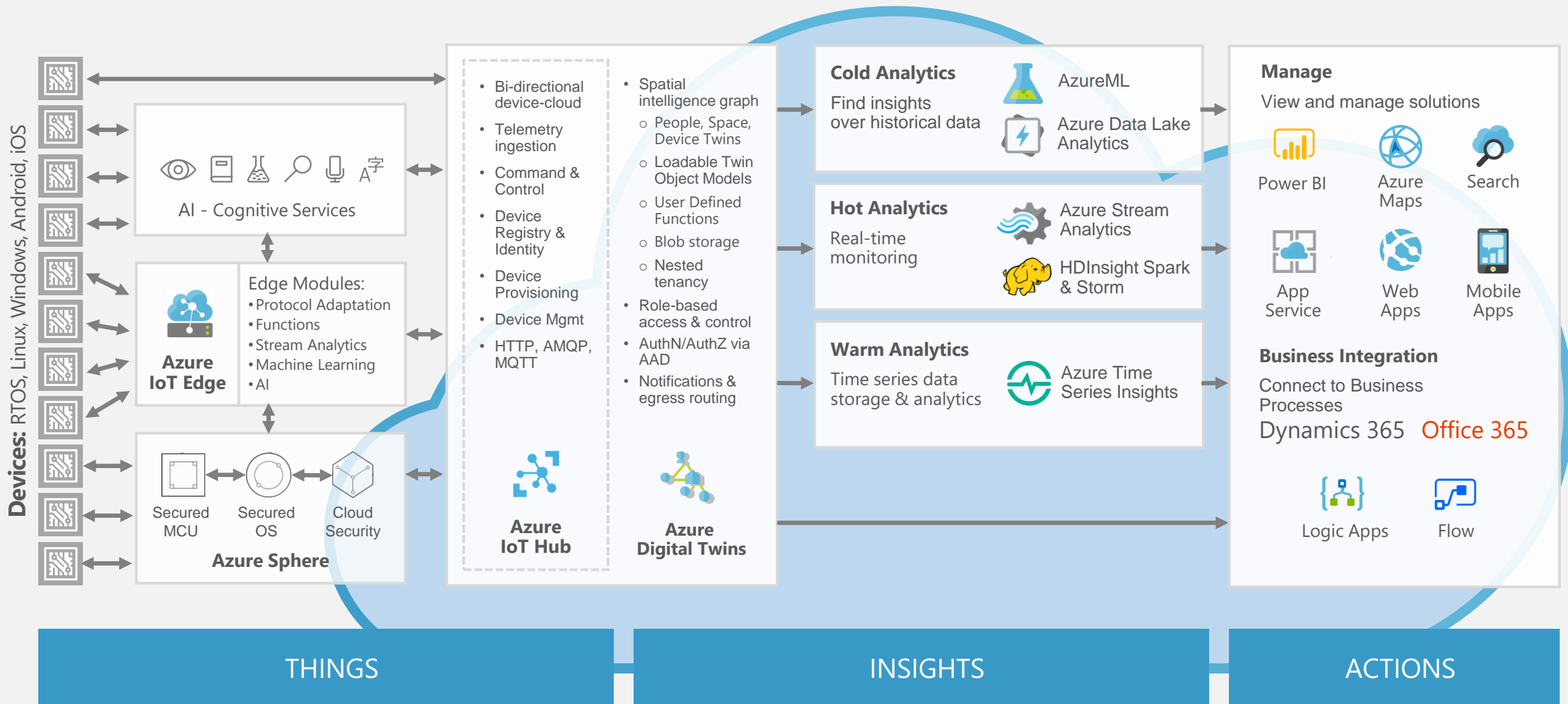
FYSIEK ONTMOET DIGITAAL

WAT IS AZURE DIGITAL TWINS



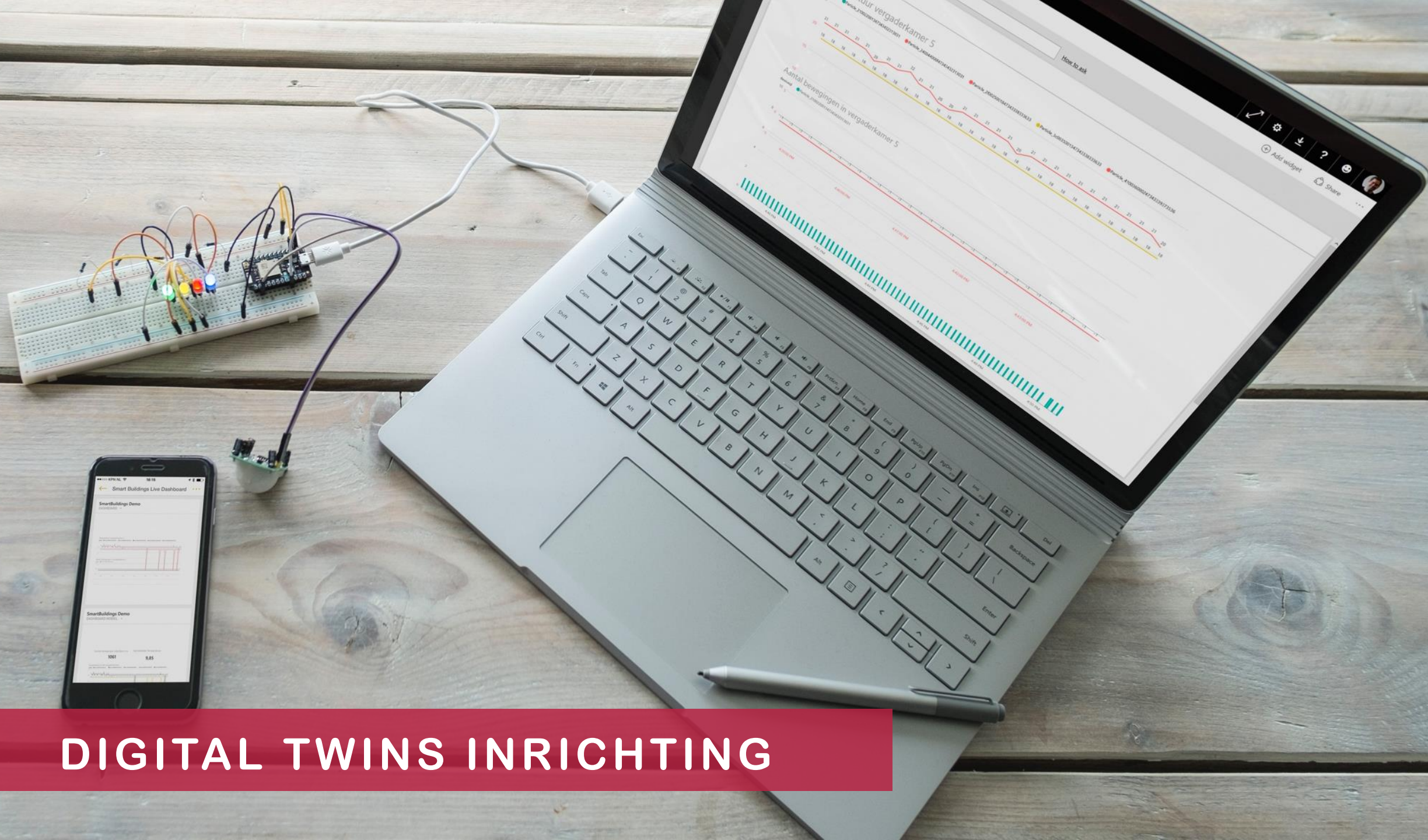
DIGITAL TWINS VOOR SMART BUILDINGS

DIGITAL TWINS: DE WERKING

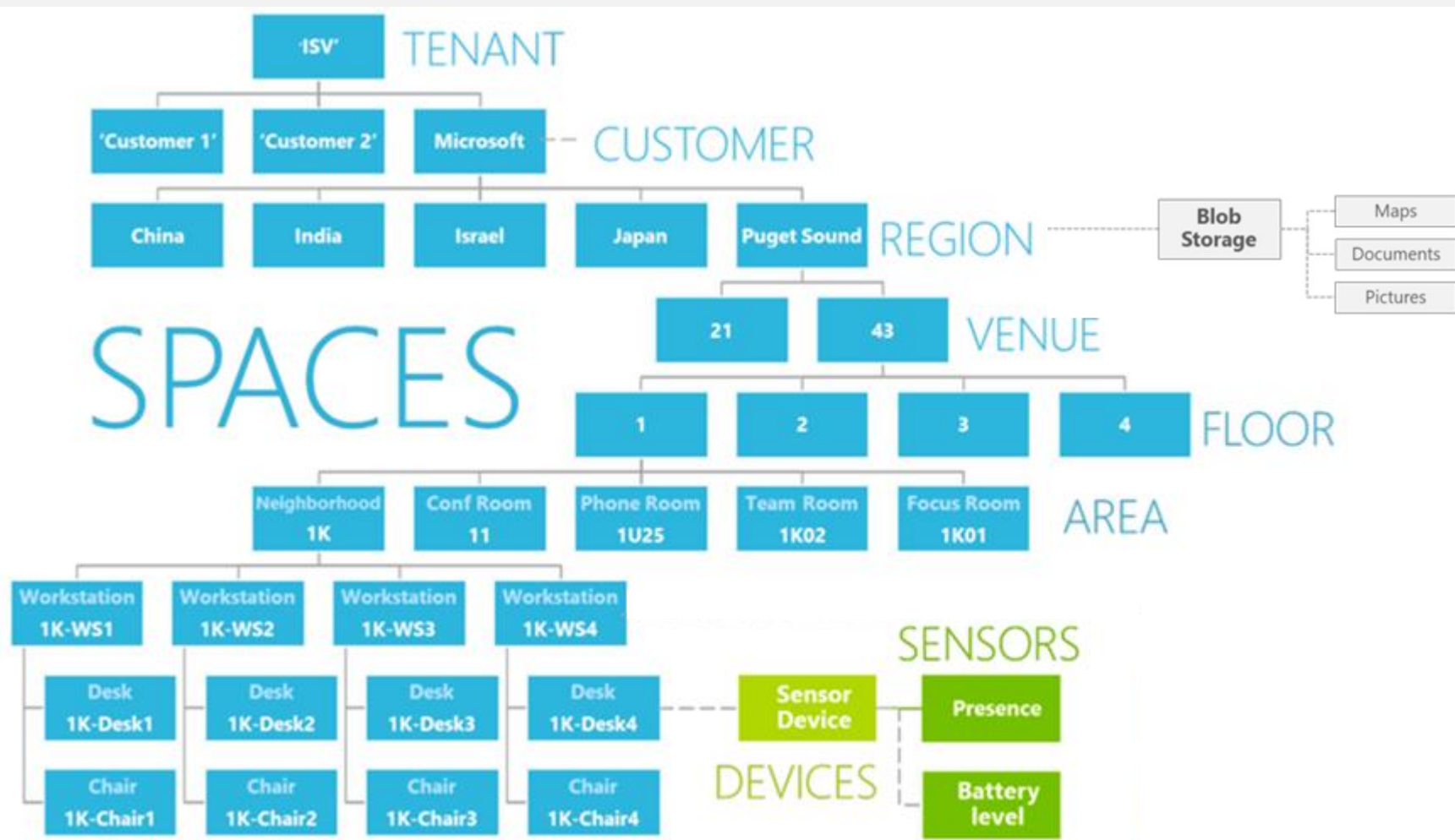


DIGITAL TWINS' PLEK IN HET IOT LANDSCHAP

WAT IS AZURE DIGITAL TWINS

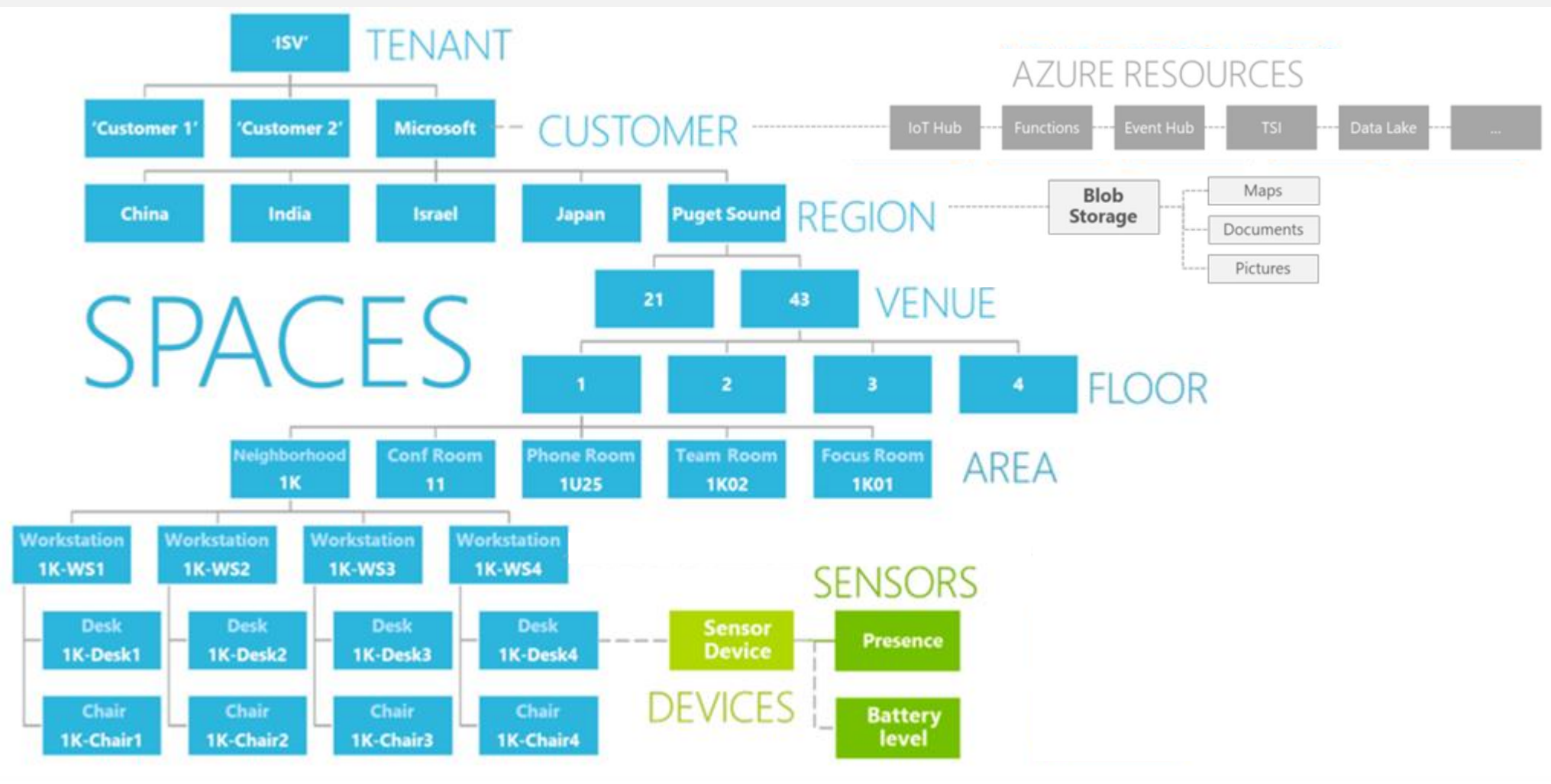


DIGITAL TWINS INRICHTING



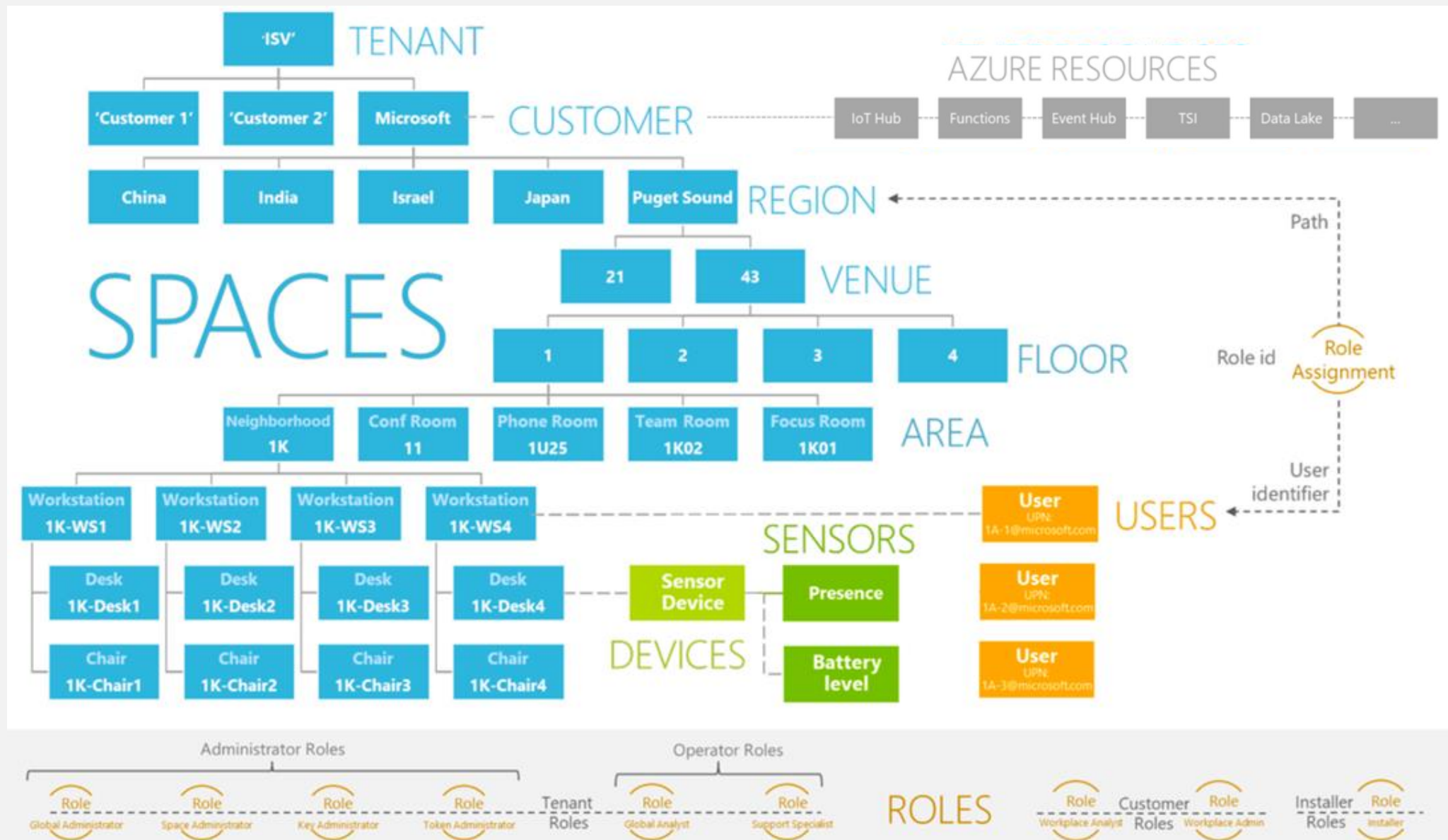
DIGITAL TWINS INRICHTING

DIGITAL TWINS: DE WERKING



DIGITAL TWINS INRICHTING

DIGITAL TWINS: DE WERKING

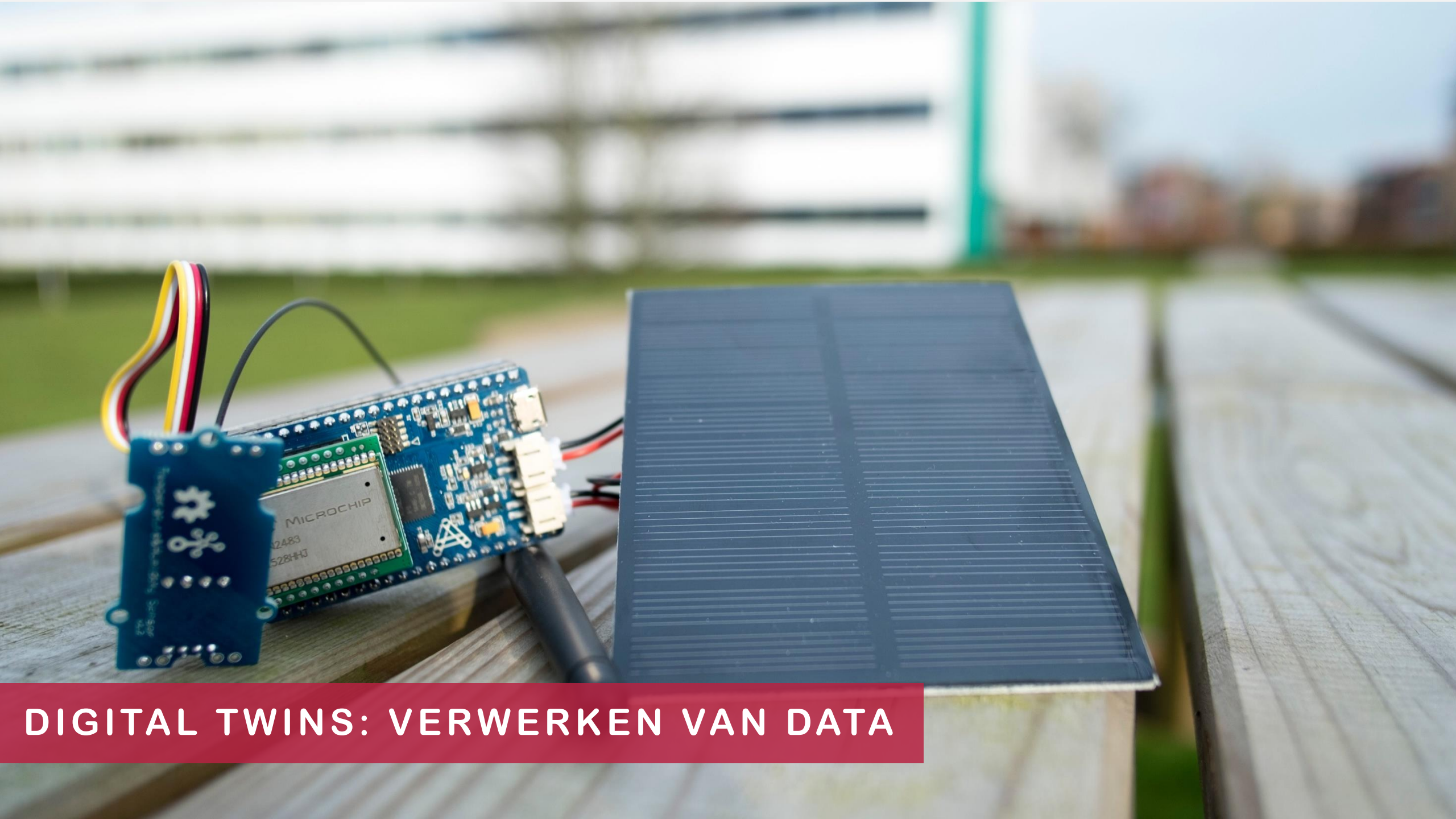


DIGITAL TWINS INRICHTING

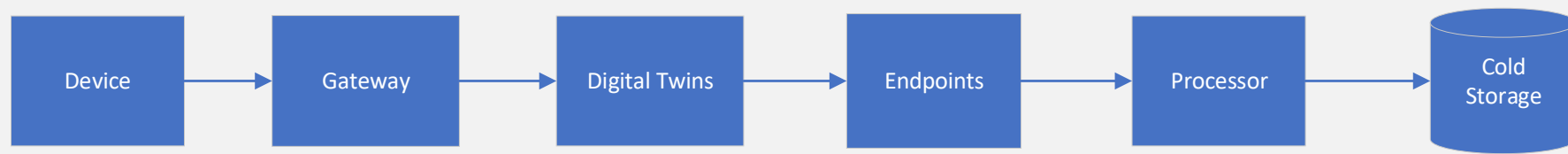
DIGITAL TWINS: DE WERKING



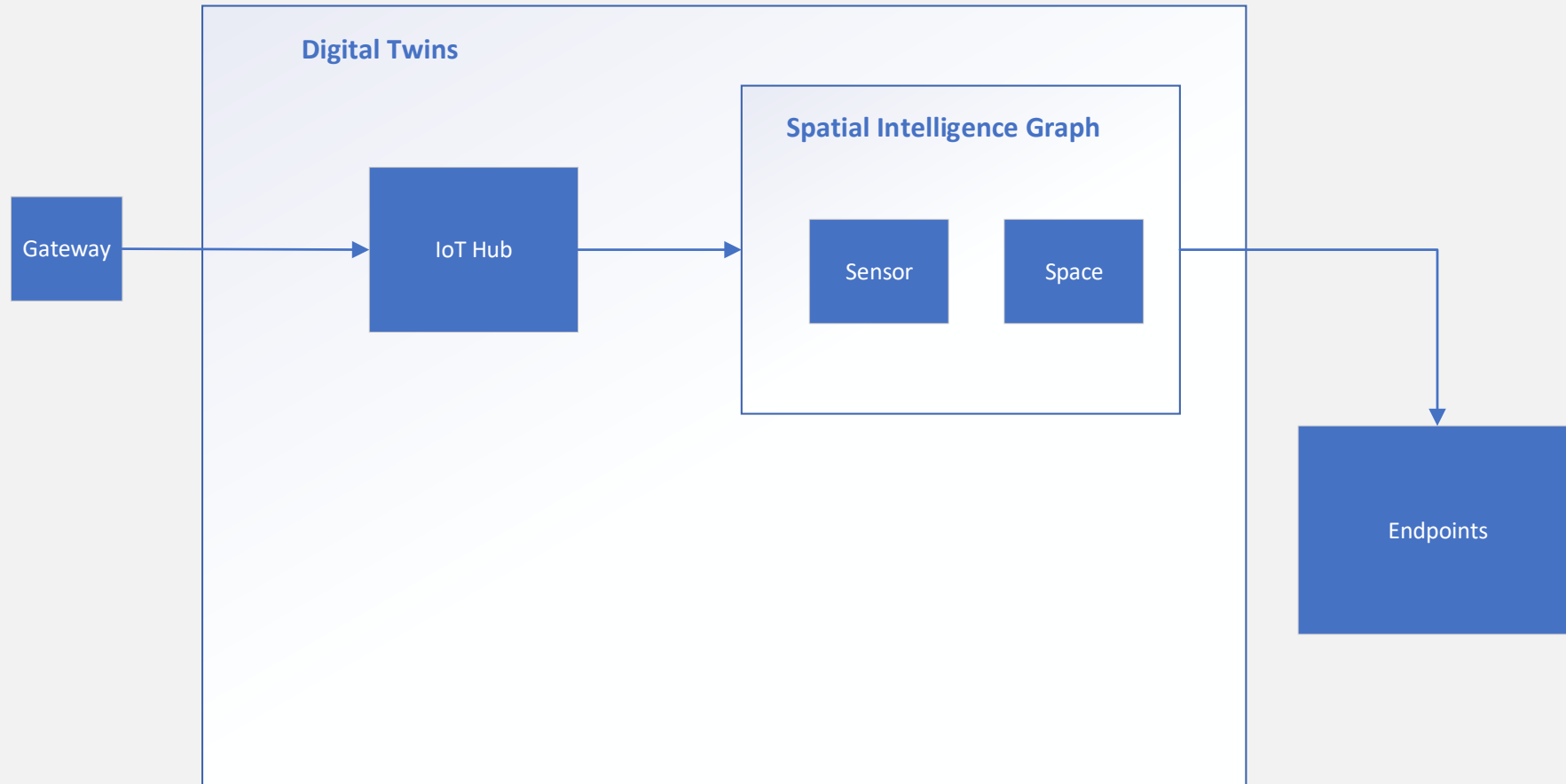
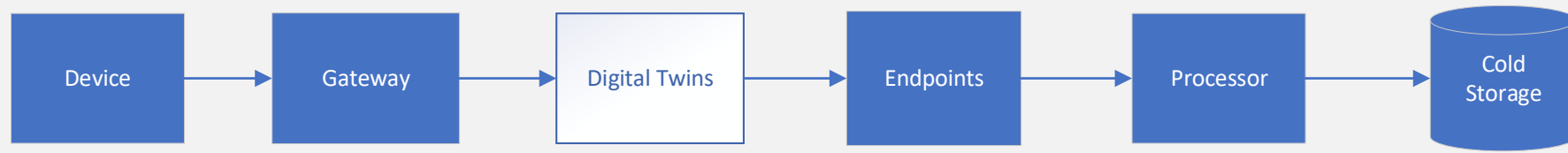
<<DEMO>> GEBOUWINRICHTING



DIGITAL TWINS: VERWERKEN VAN DATA

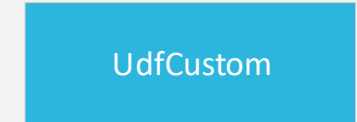
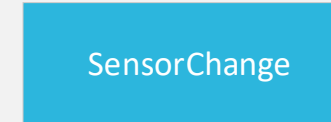
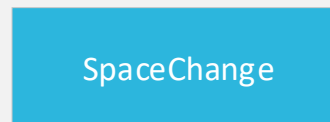
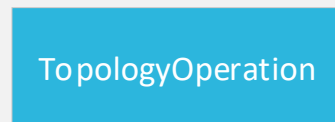
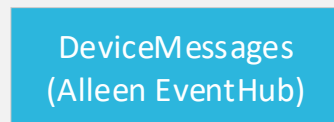
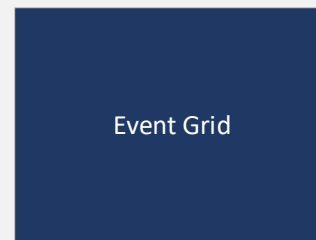
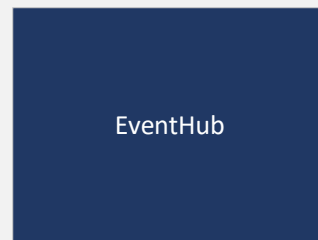
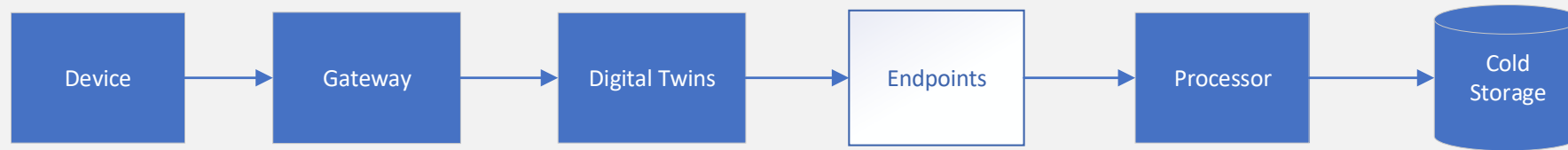


DATA HET PLATFORM IN
DIGITAL TWINS: VERWERKEN VAN DATA



OUT-OF-THE-BOX FLOW

DIGITAL TWINS: VERWERKEN VAN DATA



ENDPOINTS

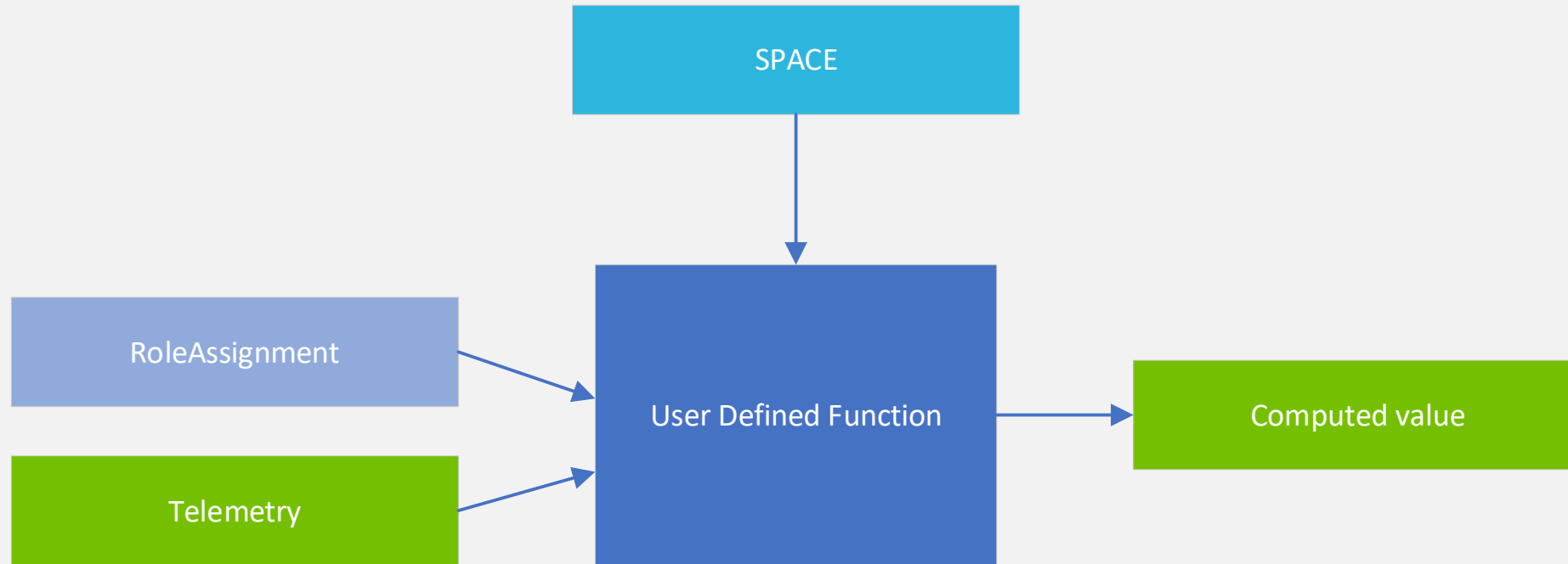
DIGITAL TWINS: VERWERKEN VAN DATA



<<DEMO>> BEZETTING VAN SPACE

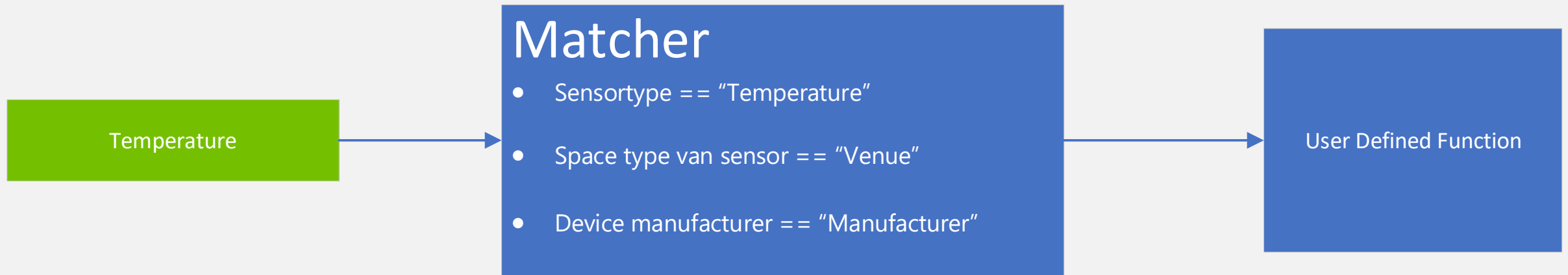
A close-up, high-contrast photograph of a mechanical engine. In the foreground, a dark metal chain is visible on the left. A silver spark plug is positioned vertically in the center, with a thin metal rod extending from its top towards the upper right. The background is filled with various engine components, including valves and pistons, which are out of focus, creating a bokeh effect. The lighting is warm and directional, highlighting the metallic textures and creating deep shadows.

AUTOMATISEREN VAN ACTIES



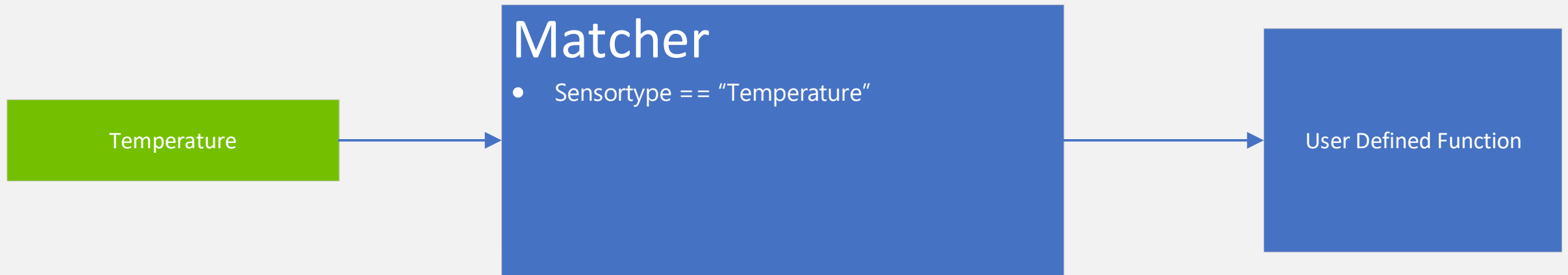
USER DEFINED FUNCTIONS (UDF)

DIGITAL TWINS: VERWERKEN VAN DATA



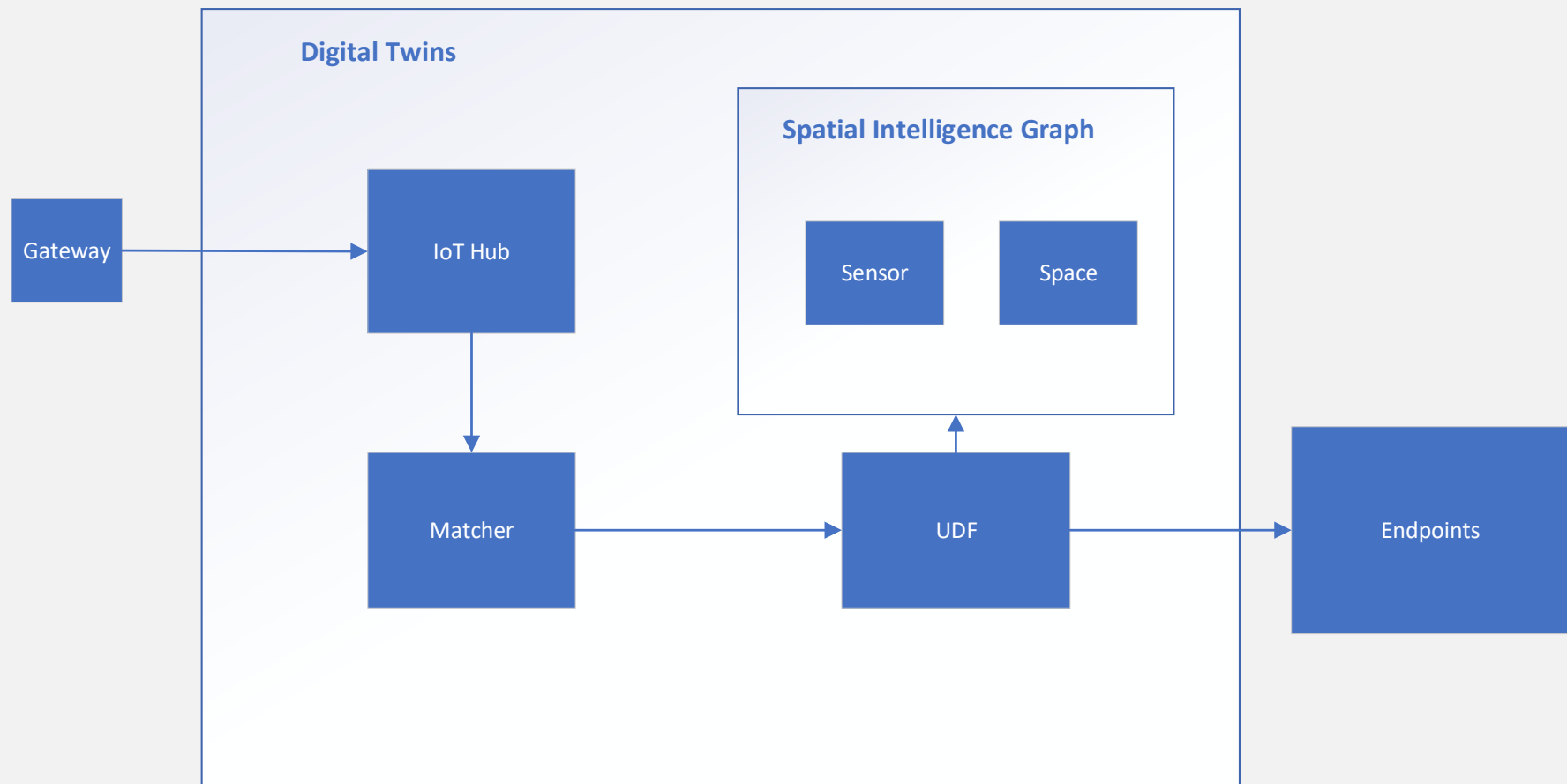
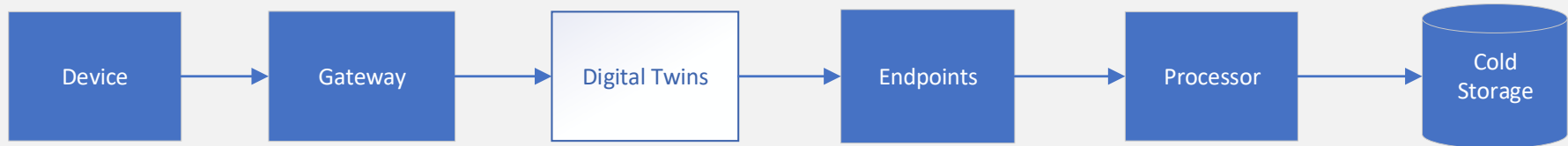
MATCHERS (COMPLEX)

DIGITAL TWINS: VERWERKEN VAN DATA



MATCHERS (COMPLEX)

DIGITAL TWINS: VERWERKEN VAN DATA

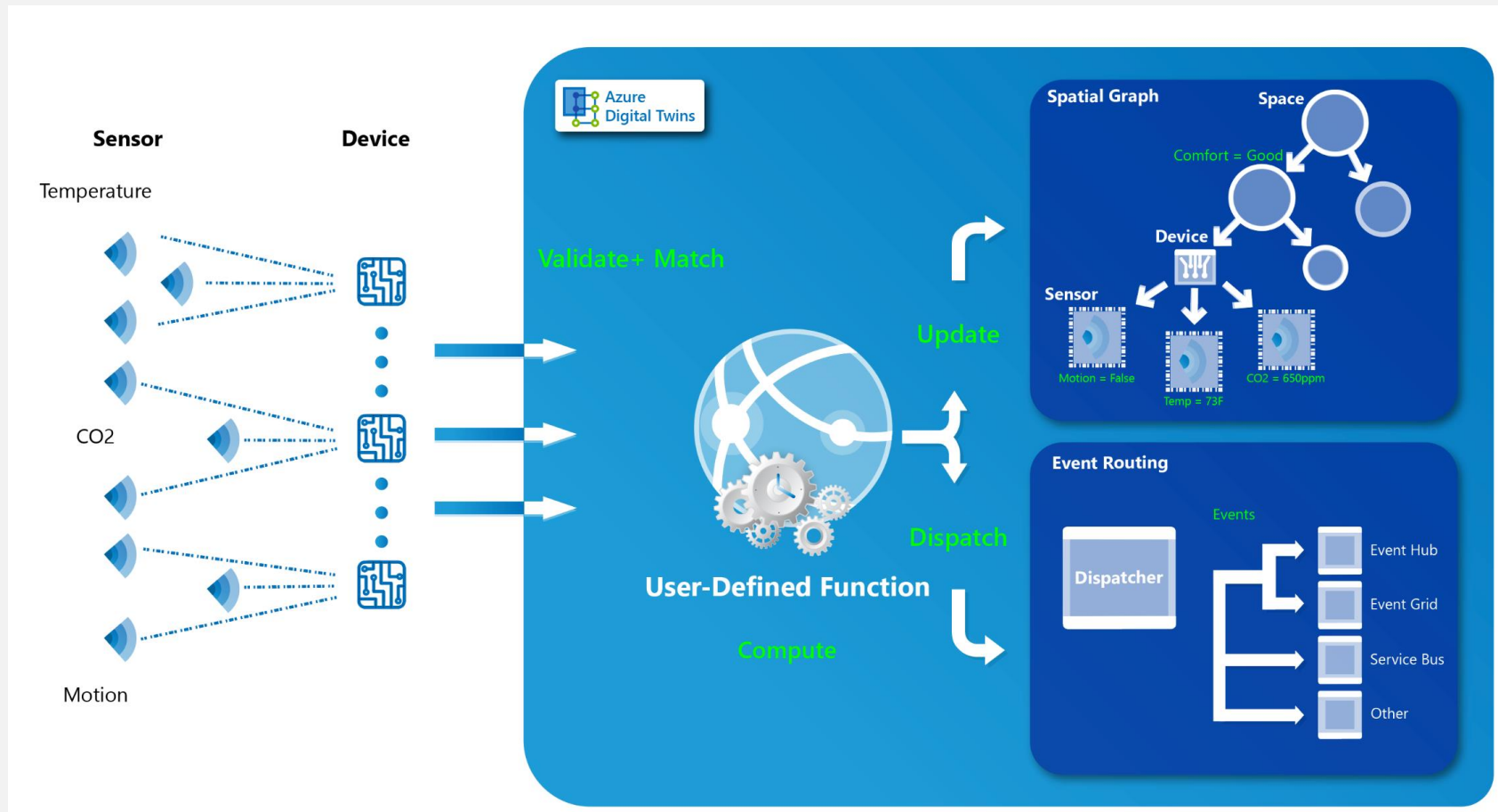


CUSTOM FLOW

DIGITAL TWINS: VERWERKEN VAN DATA



<<DEMO>> CO₂ ALERT



UDF FLOW

DIGITAL TWINS: VERWERKEN VAN DATA

- PUBLIC PREVIEW
 - AANGEKONDIGD OP 24 SEPTEMBER 2018
 - DEVELOPER TOEGANG SINDS 16 OKTOBER 2018
- GENERAL AVAILABILITY
 - AANKONDIGING ONBEKEND, MEESTAL 6 MAANDEN-JAAR PUBLIC PREVIEW
- FEEDBACK VANAF ONZE KANT
 - FILTERING OP EGRESS POINTS
 - MEER UDF SUPPORT (VSCODE PLUGINS, TYPESCRIPT)
 - CUSTOM ONTHOLOGIES
 - OP BASIS VAN HARDWARE ID DATA NAAR DIGITAL TWINS STUREN



Q&A